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MINI LIFT MAINTENANCE GUIDE

WORDS OF CAUTION: Davit Master's Mini Lift is designed, constructed and tested for years of safe and reliable use. However, **neglect or failure to properly maintain your Mini Lift could result in damage to your personal watercraft or small boat and/or injury to yourself.** One of the most important and most commonly overlooked components on your Mini Lift system is the cable. **The cable installed on your Mini Lift is a wear/replacement item. Only periodic replacement will prevent the cable's eventual failure. And failure to maintain the cable on your Mini Lift will result in cable failure.**

For your boat's protection and for your safety it is essential that your Mini Lift system is checked over before each use and regularly maintained. The following maintenance guidelines will instruct you on what to look for and how to properly maintain your Mini Lift.

Davit Master strongly recommends having your Mini Lift system inspected by a qualified Davit Master representative at least once a year.

- IMPORTANT:**
- For use by adults only.
 - Never!! leave the Mini Lift running while unattended, whether raising or lowering your watercraft.
 - Keep hands away from all moving parts.
 - Mini Lifts are not intended for human lift. Remove people and cargo before operating your Mini Lift.
 - Never!! ride on your watercraft vehicle or boat while the Mini Lift is in operation,
 - Never!! load your Mini Lift beyond its rated capacity.
 - Be sure the area around and under the lifting area is clear before raising or lowering your watercraft.
 - Turn OFF the power supply to your Mini Lift when not in use.

MAINTENANCE INSTRUCTIONS

MAINTENANCE KIT: Davit Master offers a complete **MAINTENANCE KIT** for your Mini Lift system which includes: lubricating spray grease; a grease gun and grease; a flexible grease gun hose & cold galvanizing spray . They come in a small carrying case and can be shipped via UPS.

1. ELECTRIC WINCH: Keep the winch covered to protect the components from the elements. Lubricate all moving parts with spray grease every month. If you experience any operational problems or have any questions call Davit Master.

2. MANUAL WINCH: Spray a coat of lubricating spray grease on all moving parts and around the handle every month. Keep covered as often as possible to protect the winch from the elements.

3. CABLE: The cable does all of the lifting of the watercraft and needs to be inspected before each use, Rinse the cable off with fresh water after each use. A light coat of grease should be on the cable at all times. To apply- spray the grease directly onto the cable as cable spools onto the winch. Under normal usage monthly applications with a lubricating spray grease or similar type grease should be adequate. However you must check your cables regularly and apply as needed. **Replace cables immediately if any signs of wear or fraying appears. Davit Master highly recommends replacing your cable yearly.**

4. **SHEAVES (pulley):** Inspect sheaves periodically for signs of wear. At least once a month spray sheaves with lubricating spray grease and spray the bolt that the sheave rotates on. Don't be stingy with the lubrication. **Remove and examine the sheaves for wear on a yearly basis and replace if necessary.** Grease sheave bolts monthly.

NOTE: The lubrication of the sheave is one of the more important areas to be concerned about. Lack of maintenance on a sheave can lead to other problems later on.

5. **WHEELS:** The wheels that roll along the track are formed from phenolic resin plastic which resist most marine growth buildup. They are fiber reinforced so they are strong enough to roll smoothly over a track that may have accumulated some debris. To maintain them simply check each wheel every several months by turning each a full rotation and wipe off any buildup that you find. If a wheel is not turning properly, just remove the wheel, spray the bolt with grease and replace the wheel with just enough tension of the bolt so the wheel turns freely.

6. **CHOCK BOARDS:** The chock boards will need periodic replacement, depending upon the usage and age of your Mini Lift system. Check the carpeted portion and replace as necessary with standard indoor/outdoor carpeting. Attach with a staple gun.

7. **MINI LIFT:** Hose down Mini Lift cradles, chocks, and cable with fresh water after each use. Using cold galvanizing spray, spray any rust spots that may appear on the galvanized portions of the Mini Lift system.

WARNING SIGNS: WHEN TO REPLACE YOUR CABLE

Because the cable is responsible for pulling and lowering your boat, it is the most important item to keep in safe working order. Only **periodic replacement will prevent the cable's eventual failure.** Failure to maintain the cable on your winch will result in cable failure.

Replace the cable if any of the following is observed:

- Frays
- Fish Hooks (individual wire strands)
- Flattening or Kinks
- Corrosion or Rust
- Audible Pinging or Snapping Sounds

FIG . 1 THE MINI LIFT: OVERVIEW OF PARTS

